

Activity Series Notes

Used to determine if a switch will occur in a single displacement reaction.

Metals

Li
K
Ba
Ca
Na
Mg
Al
Zn
Cr
Fe
Ni
Sn
Pb
H
Cu
Hg
Ag
Pt
Au

Nonmetals

F
Cl
Br
I

most reactive element

least reactive element

Will a single displacement reactions work?

a) Metal + compound

the metal must be more reactive than the metal in the compound

b) Nonmetal + compound

the nonmetal must be more reactive than the nonmetal in the compound

Note: assume all decomposition reactions work

Note: assume all synthesis reactions work (unless you have 2 metals reacting)

Practice:



